Request to Archive
With The National Centers for Environmental Information
For Voluntary Observing Ship Metadata Listings from ESURFMAR
Provided by ESURMAR

2014-06-30

This information will be used by NCEI to conduct an appraisal and make a decision on the request.

1. Who is the primary point of contact for this request?

Eric Freeman

NCDC/GCAD/IAB

Marine Observation Analyst

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2. Name the organization or group responsible for creating the dataset.

E-SURFMAR

3. Provide an overview summarizing the scope of data you want to archive. Describe the outputs, data variables, including their measurement resolution and coverage.

The E-SURFMAR design study was driven by the main EUCOS aim: to improve the quality of numerical and general forecasts over Europe. E-SURFMAR provides monitoring statistics as well as metadata to support real-time analysis of ships and buoys.

In support of VOSClim and ICOADS, ESURFMAR provides ship metadata listings with information such as dates of activity in the International Voluntary Observing Ship (VOS) Program, instrument types/heights, and additional information supporting metadata records.

This information is vital to addressing biases in reports provided by individual programs.

4. What is the time period covered by the dataset? (YYYY-MM-DD, YYYY-MM or YYYY)

From 2014-06-26

Ongoing as continuous updates to the data record

5. Edition or version number(s) of the dataset:

6. Describe the level to which the data are processed. For example, are these unprocessed raw observations, derived parameters, quality controlled or inter-calibrated data, etc.?

The data is raw metadata information in a comma separated file.

7. Approximate date when the dataset was or will be released to the public:

2014-06-26

8. Who are the expected users of the archived data? How will the archived data be used?

Marine Climate researchers. ICOADS partners.

9. Has the dataset undergone user evaluation and/or an independent review process? Did NCEI participate in design reviews?

No

10. Describe the dataset's relationship to other archived datasets, such as earlier versions or related source data. If this is a new version, how does it improve upon the previous version(s)?

These metadata records are directly associated with WMO Publication No. 47, but due to untimely updates, the ESURFMAR metadata has become the informal source and can be used on a real-time basis.

11. List the input datasets and ancillary information used to produce the data.

WMO Publication No. 47 is the main source of metadata information used to produce the VOS metadata listings, but in recent years the E-SURMAR informal Pub47 list has been updated more frequently and is more useful.

12. List web pages and other links that provide information on the data.

The WMO Publication No. 47 has been in existence since the 1950s and is the leading source of ship metadata information available. The ESURFMAR informal Pub 47 metadata builds on the existing WMO Pub 47 metadata and is updated more frequently. The information contained in the files include ship identification information, ship instruments/heights, dates of activity, among many other metadata fields.

13. List the kinds of documents, metadata and code that are available for archiving. For example, data format specifications, user guides, algorithm documentation, metadata compliant with a standard such as ISO 19115, source code, platform/instrument metadata, data/process flow diagrams, etc.

1. WMO Publication No. 47 format documentation:
    http://www.bom.gov.au/jcomm/vos/documents/pub47_documentation_version4.pdf

14. Indicate the data file format(s).

1. CSV

15. Are the data files compressed?

No

16. Provide details on how the files are named and how they are organized (e.g., file_name_pattern_YYYYMM.tar in monthly aggregations).

Daily updated files:

PUB_47_export_esurfmar_database_active_vos_v3a.csv

Pub_47_export_esurfmar_active_vosclim_v3b.csv

VOSClim_list.csv

17. Explain how to access sample data files and/or a file listing for previewing. If it is not available now, when will it be available?

Sample files are available on the ESURFMAR ftp site:

ftp://esurfmar.meteo.fr/pub/Pub47/

18. What is the total data volume to be submitted?

<u>Historic Data: all historic data or data submitted as a completed collection.</u>

Total Data Volume: 30MB

Number of Data Files: 90

Continuous Data: data volume rate for a continuous data production.

Total Data Volume Rate: 1MB per Month

Data File Frequency: 90 per Month

Data Production Start: 2014-06-26

19. Are later updates, revisions or replacement files anticipated? If so, explain the conditions for submitting these additional data to the archive.

No additional updates, revisions or replacement data are anticipated.

20. Describe the server that will connect to the ingest server at NCEI for submitting the data.

Physical Location: Asheville, NC, USA

System Name: humboldt.ncdc.noaa.gov

System Owner: GCAD

Additional Information:

21. What are the possible methods for submitting the data to NCEI? Select all that apply.

1. FTP PULL
2. FTP PUSH

22. Identify how you would like NCEI to distribute the data. Web access support depends on the resources available for the dataset.

1. Unknown

23. Will there be any distribution, usage, or other restrictions that apply to the data in the archive?

No known constraints apply to the data.

24. Discuss the rationale for archiving the dataset and the anticipated benefits. Mention any risks associated with not archiving the dataset at NCEI.

The data will directly support the new ICOADS Near-Real-Time GTS blended product by allowing potential addition of ship metadata to records in near-real-time.

The VOSClim lists also support the VOSClim Data Assembly Center (DAC), hosted at NCDC, for VOSClim ship data processing.

25. Are the data archived at another facility or are there plans to do so? Please explain.

No

26. Is there an existing agreement or requirement driving this request to archive? Have you already contacted someone at NCEI?

No

27. Do you have a data management plan for your data?

No

28. Have funds been allocated to archive the data at NCEI?

No

29. Identify the affiliated research project, its sponsor, and any project/grant ID as applicable.

N/A

30. Is there a desired deadline for NCEI to archive and provide access to the data?

Archive by: 2014-08-31

Accessible by:

31. Add any other pertinent information for this request.

None